

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/551,152
				Filing Date	September 25, 2006
				First Named Inventor	Samuel J. Danishefsky
				Art Unit	1626
				Examiner Name	Robert H. Havlin
Sheet	1	of	4	Attorney Docket Number	2003080-0205

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A1*	US-20070037852 (corresponds to U.S. 60/458,827) (corresponds to U.S. 60/496,165)	02-15-2007	Danishefsky et al.	
	A2*	US-20070037783 (corresponds to U.S. 60/458,827) (corresponds to U.S. 60/496,165)	02-15-2007	Huang et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
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NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²		
	C1	Abiko, A.; Liu, J. F.; Masamune, S. <i>J. Am. Chem. Soc.</i> 1997 , 119, 2586			
	C2	Ahmar, M.; Duyck, C.; Fleming I. <i>J. Chem. Soc., Perkin Trans. 1</i> 1998 , 2721			
	C3	Asami, Y.; Kakeya, H.; Onose, R.; Yoshida, A.; Matsuzaki, H.; Osada, H. <i>Org. Lett.</i> 2002 , 4, 2845			
	C4	Aslakson, C. J., and Miller, F. R. 1992. Selective events in the metastatic process defined by analysis of the sequential dissemination of subpopulations of a mouse mammary tumor. <i>Cancer Research</i> 52: 1399-1405			
	C5	Biswas, K.; Lin, H.; Njardarson, J. T.; Chappell, M. D.; Chou, T. C.; Guan, Y.; Tong, W. P.; He, L.; Horwitz, S. B.; Danishefsky, S. J. <i>J. Am. Chem. Soc.</i> 2002 , 124, 9825			
	C6	Blanchette et al., <i>Tet. Lett.</i> , 1984 , 25, 2183			
	C7	Boden, E. P.; Keck, G. E. <i>J. Org. Chem.</i> 1985 , 50, 2394			
	C8	Brower, V. <i>Nat. Biotechnol.</i> 1999 , 17, 963			
	C9	Capitosti, S. M.; Hansen, T. P.; Brown, M. L. <i>Bioorg. Med. Chem.</i> 2004 , 12, 327			
	C10	Carmeliet, P. <i>Nat. Med.</i> 2003 , 9, 653			
	C11	Chan, J.; Jamison, T. F. <i>J. Am. Chem. Soc.</i> 2003 , 125, 11514			
	C12	Chaomin, L.; Bardhan, S.; Pace, E. A.; Liang, M. C.; Gilmore, T. D.; Porco Jr., J. A. <i>Org. Lett.</i> 2002 , 4, 3267			
	C13	Chun, J.; Li, G.; Byun, H. S.; Bittman, R. <i>J. Org. Chem.</i> 2002 , 67, 2600			
	C14	Cristofanilli, M.; Chamsangavej, C.; Hortobagyi, G. N. <i>Nat. Rev. Drug Discovery</i> 2002 , 1, 415			
	C15	Crystallographic data (excluding structural data) for compound 24 have been deposited with the Cambridge Crystallographic Data Centre (CCDC) as Deposition No. CCDC 230121			
	C16	D'Amato, R. J.; Loughnan, M. S.; Flynn, E.; Folkman, J. <i>Proc. Natl. Acad. Sci.</i> 1994 , 91, 4082			

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C17	Danishefsky <i>et al.</i> , <i>J. Am. Chem. Soc.</i> , 1985 , <i>107</i> , 1256	
C18	Danishefsky, S. J. <i>Aldrichimica Acta</i> 1986 , <i>19</i> , 59	
C19	Danishefsky, S. J. <i>et al.</i> ; <i>J. J. Am. Chem. Soc.</i> 1979 , <i>101</i> , 7001	
C20	Danishefsky, S. J., Kitahara, T. <i>J. Am. Chem. Soc.</i> 1974 , <i>96</i> , 7807	
C21	Danishefsky, S. J.; Kato, N.; Askin, D.; Kerwin Jr., J. F. <i>J. Am. Chem. Soc.</i> 1982 , <i>104</i> , 360	
C22	Danishefsky, S. J.; Masters, J. J.; Young, W. B.; Link, J. T.; Snyder, L. B.; Magee, T. V.; Jung, D. K.; Isaacs, R. C. A.; Bornmann, W. G.; Alaimo, C. A.; Coburn, C. A.; DiGrandi, M. J. <i>J. Am. Chem. Soc.</i> 1996 , <i>118</i> , 2843	
C23	Danishefsky, S.J. <i>Chemtracts</i> 1989 , <i>2</i> , 273 (downloaded as two separate pdfs)	
C24	Deplanque, G.; Harris, A. L. <i>Eur. J. Cancer</i> 2000 , <i>36</i> , 1713	
C25	Dess, D. B.; Martin, J. C. <i>J. Am. Chem. Soc.</i> 1991 , <i>113</i> , 7277	
C26	Dixon, D. J.; Krause, L.; Ley, S. V. <i>J. Chem. Soc., Perkin Trans. 1</i> , 2001 , 2516	
C27	Dredge, K.; Dalglish, A. G.; Marriott, J. B. <i>Anti-Cancer Drugs</i> 2003 , <i>14</i> , 331	
C28	Duffey, M. O.; LeTiran, A.; Morken, J. P. <i>J. Am. Chem. Soc.</i> 2003 , <i>125</i> , 1458	
C29	Edmonds, M. K.; Abell, A. D. <i>J. Org. Chem.</i> 2001 , <i>66</i> , 3747	
C30	Egawa, Y. <i>et al.</i> ; <i>Chem. Pharm. Bull.</i> 1963 , <i>11</i> , 589	
C31	Eng, H. M.; Myles, D. C. <i>Tetrahedron Lett.</i> 1999 , <i>40</i> , 2279	
C32	Evans <i>et al.</i> , <i>J. Am. Chem. Soc.</i> , 2002 , <i>124</i> , 392	
C33	Fenteany, G.; Zhu, S. <i>Curr. Top. Med. Chem.</i> 2003 , <i>3</i> , 593	
C34	Ferrier, <i>J. Chem. Soc.</i> , 1964 , 5443	
C35	Garbaccio, R. M.; Stachel, S. J.; Baeschlin, D. K.; Danishefsky, S. J. <i>J. Am. Chem. Soc.</i> 2001 , <i>123</i> , 10903	
C36	Gaul, C. <i>et al.</i> ; <i>J. Am. Chem. Soc.</i> 2003 , <i>125</i> , 6042	
C37	Gaul, C. <i>et al.</i> ; <i>J. Am. Chem. Soc.</i> 2004 , <i>126</i> (4), 1038-1040	
C38	Harris, C. R.; Danishefsky, S. J. <i>J. Org. Chem.</i> 1999 , <i>64</i> , 8434	
C39	Hayashi, Y.; Shoji, M.; Yamaguchi, J.; Sato, K.; Yamaguchi, S.; Mukaiyama, T.; Sakai, K.; Asami, Y.; Kakeya, H.; Osada, H. <i>J. Am. Chem. Soc.</i> 2002 , <i>124</i> , 12078	
C40	Hirai, K.; Ooi, H.; Esumi, T.; Iwabuchi, Y.; Hatakeyama, S. <i>Org. Lett.</i> 2003 , <i>5</i> , 857	
C41	Hochlowski, J. E.; Whittern, D. N.; Hill, P.; McAlpine, J. B. <i>J. Antibiot.</i> 1994 , <i>47</i> , 870	
C42	Inanaga <i>et al.</i> , <i>Bull. Chem. Soc. Jpn.</i> , 1979 , <i>52</i> , 1989	
C43	Jorgensen <i>et al.</i> , <i>J. Org. Chem.</i> , 2001 , <i>66</i> , 4630	
C44	Jung, H. J.; Lee, H. B.; Kim, C. J.; Rho, J. R.; Shin, J.; Kwon, H. J. <i>J. Antibiot.</i> 2003 , <i>56</i> , 492	
C45	Kadam, S.; McAlpine, J. B. <i>J. Antibiot.</i> 1994 , <i>47</i> , 875	
C46	Kakeya, H.; Onose, R.; Koshino, H.; Yoshida, A.; Kobayashi, K.; Kageyama, S. I.; Osada, H. <i>J. Am. Chem. Soc.</i> 2002 , <i>124</i> , 3496	
C47	Kakeya, H.; Onose, R.; Yoshida, A.; Koshino, H.; Osada, H. <i>J. Antibiot.</i> 2002 , <i>55</i> , 829	
C48	Kantarjian, H. M. <i>Curr. Opin. Oncol.</i> 2001 , <i>12</i> (6), 564-573	
C49	Karwowski, J. P.; Jackson, M.; Sunga, G.; Sheldon, P.; Poddig, J. B.; Kohl, W. L.; Adam, S. J. <i>Antibiot.</i> 1994 , <i>47</i> , 862	
C50	Katzenellenbogen, J. A. <i>et al.</i> ; <i>J. Chem. Soc., Perkin Trans. 1</i> 1998 , 2721	
C51	Kerbel, R.; Folkman, <i>J. Nat. Rev. Cancer</i> 2003 , <i>2</i> , 727	
C52	Kitaori, K.; Furukawa, Y.; Yoshimoto, H.; Otera, J. <i>Tetrahedron</i> 1999 , <i>55</i> , 14381	
C53	Klohs, W. D.; Hamby, J. M. <i>Curr. Opin. Biotechnol.</i> 1999 , <i>10</i> , 544	
C54	Kondo, H.; Oritani, T.; Kiyota, H. <i>Eur. J. Org. Chem.</i> 2000 , 3459	
C55	Lauffenburger, D. A.; Horwitz, A. F. <i>Cell</i> 1996 , <i>84</i> , 359	
C56	Lee, W. W.; Chang, S. <i>Tetrahedron: Asymmetry</i> 1999 , <i>10</i> , 4473	

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Sheet	3	of	4	Attorney Docket Number	2003080-0205

C57	Li, D. R.; Xia, W. J.; Shi, L.; Tu, Y. Q. <i>Synthesis</i> 2003 , 41	
C58	Lin, S. ; Danishefsky, S. J. <i>Angew. Chem. Int. Ed.</i> 2001 , 40(10), 1967-1970	
C59	Lucho <i>et al.</i> , <i>J. Am. Chem. Soc.</i> , 1979 , 101, 5848	
C60	Mahoney <i>et al.</i> , <i>J. Am. Chem. Soc.</i> , 1988 , 110, 291	
C61	Mattson, M. P. ; Furukawa, K. <i>Apoptosis</i> 1997 , 2, 257	
C62	Mehta, G.; Islam, K. <i>Tetrahedron Lett.</i> 2003 , 44, 3569	
C63	Miller, F. R., Miller, B. E., and Heppner, G. H. 1983. Characterization of metastatic heterogeneity among subpopulations of a single mouse mammary tumor : heterogeneity in phenotypic stability. <i>Invasion Metastasis</i> 33: 22-31	
C64	Mukaiyama, T. <i>Agnew. Chem. Int. Ed.</i> 1979 , 18, 707	
C65	Mukaiyama, T., Usui, M.; Shimada, E.; Saigo, K. <i>Chem. Lett.</i> 1975 , 1045	
C66	Myers, A. G.; Siu, M.; Ren, F. <i>J. Am. Chem. Soc.</i> 2002 , 124, 4230	
C67	Nakae K.; Yoshimoto, Y.; Sawa, T.; Homma, Y.; Hamada, M.; Takeuchi, T.; Imoto, M. <i>J Antibiotics</i> (2000), 53,1130-1136	
C68	Ogasawara, M.; Matsubara, T.; Suzuki, H. <i>Biol. Pharm. Bull.</i> 2001 , 24, 720	
C69	Ogasawara, M.; Matsubara, T.; Suzuki, H. <i>Biol. Pharm. Bull.</i> 2001 , 24, 917	
C70	Ogasawara, M.; Matsunaga, T.; Takahashi, S.; Saiki, I.; Suzuki, H. <i>Biol. Pharm. Bull.</i> 2002 , 25, 1491	
C71	Prakash, G. K. S.; Krishnamurti, R.; Olah, G. A. <i>J. Am. Chem. Soc.</i> 1989 , 111, 393	
C72	Pulaski, B. A., and Ostrand-Rosenberg, S. 1998. Reduction of established spontaneous mammary carcinoma metastases following immunotherapy with major histocompatibility complex class II and B7.1 cell-based tumor vaccines. <i>Cancer Res</i> 58: 1486-1493	
C73	Raje, N.; Anderson, K. C. <i>Curr. Opin. Oncol.</i> 2002 , 14, 635	
C74	Reetz, M. T.; Kessler, K. <i>J. Org. Chem.</i> 1985 , 50, 5434	
C75	Rivkin, A.; Yoshimura, F.; Gabarda, A. E.; Chou, T. C.; Dong, H.; Tong, W. P.; Danishefsky, S. J. <i>J. Am. Chem. Soc.</i> 2003 , 125, 2899	
C76	Roskelley, C. D.; Williams, D. E.; McHardy, L. M.; Leong, K. G.; Troussard, A.; Karsan, A.; Andersen, R. J.; Dedhar, S.; Roberge, M. <i>Cancer Res.</i> 2001 , 61, 6788	
C77	Scappaticci, F. A. <i>J Clin. Oncol.</i> 2002 , 20, 3906	
C78	Scholl <i>et al.</i> , <i>Org. Lett.</i> , 1999 , 1, 953	
C79	Scholl, M.; Trnka, T. M.; Morgan, J. P.; Grubbs, R. H. <i>Tetrahedron Lett.</i> 1999 , 40, 2247	
C80	Seco, J. M.; Latypov, S. K.; Quinoa, E.; Riguera, R. <i>Tetrahedron</i> 1997 , 53, 8541	
C81	Seco, J. M.; Quinoa, E.; Riguera, R. <i>Tetrahedron: Asymmetry</i> 2000 , 11, 2781	
C82	Shiozawa, H.; Takahashi, M.; Takatsu, T.; Kinoshita, T.; Tanzawa, K.; Hosoya, T.; Furuya, K.; Furihata, K.; Seto, H. <i>J. Antibiot.</i> 1995 , 48, 357	
C83	Shoji, M.; Yamaguchi, J.; Kakeya, H.; Osada, H.; Hayashi, Y. <i>Angew. Chem. Int. Ed.</i> 2002 , 41, 3192	
C84	Smith III, A. B.; Frohn, M. <i>Org. Lett.</i> 2001 , 3, 3979	
C85	Song <i>et al.</i> , <i>Org. Lett.</i> , 2002 , 4, 647	
C86	Stachel, S. J. ; Biswas, K.; Danishefsky, S. J. <i>Curr. Pharm. Des.</i> 2001 , 7, 1277	
C87	Stachel, S.J.; Lee, C.B.; Spassova, M.; Chappell, M.D.; Bornmann, W.G.; Danishefsky, S.J. <i>J. Org. Chem.</i> 2001 , 66, 4369	
C88	Sugawara, K.; Nishiyama, Y.; Toda, S.; Komiyama, N.; Hatori, M.; Moriyama, T.; Sawada, Y.; Kamei, H. ; Konishi, M.; Oki, T. <i>J. Antibiot.</i> 1992 , 45, 1433	
C89	Takayasu, Y.; Tsuchiya, K.; Aoyama, T.; Sukenaga, Y. <i>J. Antibiot.</i> 2001 , 54, 1111	
C90	Takayasu, Y.; Tsuchiya, K.; Sukenaga, Y. <i>J. Antibiot.</i> 2002 , 55, 337	
C91	Tatsuta, K.; Masuda, N. <i>J. Antibiot.</i> 1998 , 51, 602	

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	C92	Tebbe, F. N.; Parshall, G. W.; Reddy, G. S. <i>J. Am. Chem. Soc.</i> 1978 , <i>100</i> , 3611	
	C93	Trost, B. M.; Bunt, R. C.; Pulley, S. R. <i>J. Org. Chem.</i> 1994 , <i>59</i> , 4202	
	C94	Wakabayashi, T.; Kageyama, R.; Naruse, N.; Tsukahara, N.; Funahashi, Y.; Kitoh, K.; Watanabe, Y. <i>J. Antibiot.</i> 1997 , <i>50</i> , 671	
	C95	Williams, D. E.; Craig, K. S.; Patrick, B.; McHardy, L. M.; van Soest, R.; Roberge, M.; Andersen, R. J. <i>J. Org. Chem.</i> 2002 , <i>67</i> , 245	
	C96	Williams, D. E.; Lassota, P.; Andersen, R. J. <i>J. Org. Chem.</i> 1998 , <i>63</i> , 4838	
	C97	Woodhouse, E. C.; Chuaqui, R. F.; Liotta, L. A. <i>Cancer</i> 1997 , <i>80</i> (S8), 1529	
	C98	Xiang, G.; McLaughlin, L. W. <i>Tetrahedron</i> 1998 , <i>54</i> , 375	
	C99	Yamamoto, K.; Garbaccio, R. M.; Stachel, S. J.; Solit, D. B.; Chiosis, G.; Rosen, N.; Danishefsky, S. J. <i>Angew. Chem. Int. Ed.</i> 2003 , <i>42</i> , 1280	
	C100	Yamamoto, K.; Biswas, K.; Gaul, C.; Danishefsky, S. J. <i>Tetrahedron Lett.</i> 2003 , <i>44</i> , 3297	
	C101	Yang, Z. Q.; Danishefsky, S. J. <i>J. Am. Chem. Soc.</i> 2003 , <i>125</i> , 9602	
	C102	Yang, Z. Q.; Kwok, B. Ho; Lin, S.; Koldobskiy, M. A.; Crews, C. M.; Danishefsky, S. J. <i>ChemBiochem</i> 2003 , <i>6</i> , 508	
	C103	Yoshimura, F.; Rivkin, A.; Gabarda, A. E.; Chou, T. C.; Dong, H.; Sukenick, G.; Morel, F. F.; Taylor, R. E.; Danishefsky, S. J. <i>Angew. Chem. Int. Ed.</i> 2003 , <i>42</i> , 2518	

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